

L Number	Hits	Search Text	DB	Time stamp
1	377	gain with reduce adj noise	USPAT;	2003/10/30
			US-PGPUB;	11:30
			EPO; JPO; DERWENT;	
			IBM TDB	
2	2042453	gain with reduce near\$3 noise	USPAT;	2003/10/30
-		9	US-PGPUB;	11:36
			EPO; JPO;	
			DERWENT; IBM TDB	
3	1987741	gain with reduce near\$2 noise	USPAT;	2003/10/30
3	1907/41	gain with leduce hearyz horse	US-PGPUB;	11:31
			EPO; JPO;	
			DERWENT;	
1	5.00.0	() () () () () () () () () ()	IBM_TDB USPAT;	2003/10/30
4	57397	(gain with reduce near\$2 noise) and pixel	US-PGPUB;	11:36
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	0000/10/20
5	50637	(gain with reduce near\$2 noise) and	USPAT;	2003/10/30
		pixels	US-PGPUB; EPO; JPO;	11:32
			DERWENT;	
			IBM_TDB	
6	38	((gain with reduce near\$2 noise) and	USPAT;	2003/10/30
		pixels) and initial adj gain	US-PGPUB; EPO; JPO;	11:37
			DERWENT;	
			IBM_TDB	
7	38	(((gain with reduce near\$2 noise) and	USPAT;	2003/10/30
		pixels) and initial adj gain) and gain\$2	US-PGPUB;	11:35
			EPO; JPO; DERWENT;	!
			IBM TDB	
8	912	gain with reduce near3 noise	USPAT;	2003/10/30
			US-PGPUB;	12:18
			EPO; JPO; DERWENT;	
			IBM TDB	
9	761	gain with reduce near2 noise	USPĀT;	2003/10/30
			US-PGPUB;	11:36
			EPO; JPO; DERWENT;	
			IBM TDB	
10	54	(gain with reduce near2 noise) and pixel	USPAT;	2003/10/30
	İ		US-PGPUB;	11:37
			EPO; JPO; DERWENT;	
			IBM TDB	
11	57	(gain with reduce near2 noise) and	USPAT;	2003/10/30
		pixel\$2	US-PGPUB;	11:53
			EPO; JPO;	
			DERWENT; IBM TDB	
13	57	((gain with reduce near2 noise) and	USPAT;	2003/10/30
1]	pixel\$2) and gain\$2	US-PGPUB;	11:53
			EPO; JPO;	
			DERWENT; IBM TDB	
14	129	(gain with reduce near3 noise) and	USPAT;	2003/10/30
	129	(preamp or preamplifier or pre-amp or	US-PGPUB;	12:19
		pre-amplifier or pre adj amplifier)	EPO; JPO;	
			DERWENT; IBM TDB	
15	42	((gain with reduce near3 noise) and	USPAT;	2003/10/30
13	42	(preamp or preamplifier or pre-amp or	US-PGPUB;	12:19
		pre-amplifier or pre adj amplifier)) and	EPO; JPO;	
		memory	DERWENT; IBM TDB	
	I		T T T T D	<u> </u>

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16	3	(((gain with reduce near3 noise) and (preamp or preamplifier or pre-amp or	USPAT; US-PGPUB;	2003/10/30 12:20
		pre-amplifier or pre adj amplifier)) and memory) and pixel\$2	EPO; JPO; DERWENT;	
		memory, and principle	IBM_TDB	
_	10	"5698844"	USPAT;	2003/10/30
			US-PGPUB; EPO; JPO;	11:30
			DERWENT;	
			IBM TDB	
_	0	("56988434").PN.	USPĀT;	2003/03/31
1			US-PGPUB;	17:45
			EPO; JPO; DERWENT;	
			IBM TDB	0
_	2	("5698844").PN.	USPAT;	2003/04/01
			US-PGPUB;	13:13
			EPO; JPO; DERWENT;	
	'		IBM TDB	
_	33342	conductance	USPAT;	2003/03/31
			US-PGPUB;	17:57
			EPO; JPO; DERWENT;	
			IBM TDB	
_	877	conductance and (image adj sensor or	USPAT;	2003/03/31
		image-sensor or imager or ccd)	US-PGPUB;	17:58
			EPO; JPO;	
			DERWENT;	
_	326	(conductance and (image adj sensor or	USPAT;	2003/03/31
	323	image-sensor or imager or ccd)) and	US-PGPUB;	19:05
		memory	EPO; JPO;	
:			DERWENT; IBM TDB	
_	200	((conductance and (image adj sensor or	USPAT;	2003/03/31
	200	image-sensor or imager or ccd)) and	US-PGPUB;	17:58
		memory) and transfer	EPO; JPO; DERWENT;	
			IBM TDB	
_	104	(((conductance and (image adj sensor or	USPAT;	2003/03/31
		image-sensor or imager or ccd)) and	US-PGPUB;	17:58
	*	memory) and transfer) and load	EPO; JPO; DERWENT;	
			IBM TDB	
_	57	((((conductance and (image adj sensor or	USPAT;	2003/03/31
		image-sensor or imager or ccd)) and	US-PGPUB;	17:59
		memory) and transfer) and load) and gain	EPO; JPO; DERWENT;	
			IBM TDB	
_	57	((((conductance and (image adj sensor or	USPAT;	2003/03/31
		image-sensor or imager or ccd)) and	US-PGPUB;	17:59
		memory) and transfer) and load) and gain	EPO; JPO; DERWENT;	
			IBM_TDB	
_	56	(((((conductance and (image adj sensor or	USPĀT;	2003/03/31
		image-sensor or imager or ccd)) and	US-PGPUB; EPO; JPO;	17:59
		memory) and transfer) and load) and gain) and amplif\$7	DERWENT;	
		_	IBM_TDB	
_	44	(((((conductance and (image adj sensor or	USPĀT;	2003/03/31
		image-sensor or imager or ccd)) and memory) and transfer) and load) and gain)	US-PGPUB; EPO; JPO;	18:20
		memory) and transfer) and load, and gain, and (amplify or amplification or	DERWENT;	
		amplifying)	IBM_TDB	
-	4	The state of the s	USPAT;	2003/03/31
			US-PGPUB; EPO; JPO;	10.21
			DERWENT;	
			IBM_TDB	

-	5	(US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5955753-\$ or	USPAT	2003/03/31 18:25
_	0	US-5786588-\$).did. ((US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5955753-\$ or	USPAT; US-PGPUB;	2003/03/31 18:22
		US-5786588-\$).did.) and gain with different	EPO; JPO; DERWENT; IBM TDB	
_	1	((US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5955753-\$ or US-5786588-\$).did.) and gain with differ\$4	USPĀT; US-PGPUB; EPO; JPO; DERWENT;	2003/03/31 18:22
_	3	((US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5955753-\$ or US-5786588-\$).did.) and gain	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/03/31 18:24
_	17	((conductance and (image adj sensor or image-sensor or imager or ccd)) and memory) and (noise with (reduction or ruduc\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/03/31 19:11
-	11	<pre>(((conductance and (image adj sensor or image-sensor or imager or ccd)) and memory) and (noise with (reduction or ruduc\$4))) and gain</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/03/31 19:07
_	39935	(noise with (reduction or ruduc\$4))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/03/31
-	1190	(noise with (reduction or ruduc\$4)) with (gain or gains)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/03/31 19:12
-	361	((noise with (reduction or ruduc\$4)) with (gain or gains)) with amplifier		2003/03/31 19:16
-	23	(((noise with (reduction or ruduc\$4)) with (gain or gains)) with amplifier) with (different or difference)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/03/31 19:13
-	3	((noise with (reduction or ruduc\$4)) with (gain or gains)) with mos	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/03/31 19:16
-	2	("5955753").PN.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/04/01 13:16
_	2	("5786588").PN.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/04/01 13:16
_	400	memory with gain with (pixel or sensor)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/04/01 13:27

-	2	memory with gain with (pixel or sensor) with mos	USPAT; US-PGPUB;	2003/04/01
		With mos	EPO; JPO;	
			DERWENT;	
	2	memory with gain with (pixel or sensor or	IBM_TDB USPAT;	2003/04/01
-	2	light) with mos	US-PGPUB;	13:20
		 9.007	EPO; JPO;	
			DERWENT;	
	20	memory with gain with (pixel or sensor)	IBM_TDB USPAT;	2003/04/01
-		with (vary or change or different)	US-PGPUB;	13:26
			EPO; JPO;	
			DERWENT; IBM TDB	
l _	116	memory with gain with (pixel or sensor)	USPAT;	2003/04/01
	110	and camera	US-PGPUB;	13:26
			EPO; JPO;	
			DERWENT; IBM TDB	
_	12	memory with gain with (pixel or sensor)	USPAT;	2003/04/01
		with noise	US-PGPUB;	13:27
			EPO; JPO; DERWENT;	
			IBM TDB	
_	3	("5698844" "5717458" "5861620").PN.	USPAT	2003/04/01
	-	(#5100502# #5211200# #5550502#	licham	13:34 2003/04/01
-	5	("5182623" "5311320" "5652622" "5693932" "5737016").PN.	USPAT	13:42
-	9	("4768084" "5119202" "5122881"	USPAT	2003/04/01
		"5144447" "5187583" "5335008"		13:43
		"5420631" "5453783" "5539461").PN. ("Re34309" "5288988" "5311319"	USPAT	2003/04/01
-	6	"5424529" "5488415" "5587738").PN.	JULAI	13:43
_	3		USPAT	2003/04/01
		4 F000F11 A MG F0F00C0 A	USPAT;	13:44 2003/04/01
-	17	(US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5955753-\$ or	JPO;	13:44
		US-5786588-\$ or US-6493030-\$ or	DERWENT	
		US-6147338-\$ or US-5698844-\$ or		
		US-5717458-\$ or US-5861620-\$ or US-5737016-\$ or US-5693932-\$ or		
		US-5652622-\$ or US-5311320-\$ or		
		US-5182623-\$).did. or		
1		(JP-01039171-\$).did. or (JP-2000078473-\$).did.		
_	13		USPAT;	2003/04/01
	-	US-4704635-\$ or US-5955753-\$ or	US-PGPUB;	13:45
		US-5786588-\$ or US-6493030-\$ or	EPO; JPO; DERWENT;	
		US-6147338-\$ or US-5698844-\$ or	IBM TDB	
		US-5737016-\$ or US-5693932-\$ or		
		US-5652622-\$ or US-5311320-\$ or		
		US-5182623-\$).did. or (JP-01039171-\$).did. or		
		(JP-2000078473-\$).did.) and gain		
-	13	((US-5280511-\$ or US-5252868-\$ or	USPAT;	2003/04/01
		US-4704635-\$ or US-5955753-\$ or US-5786588-\$ or US-6493030-\$ or	US-PGPUB; EPO; JPO;	13:49
		US-5/86588-\$ or US-6493030-\$ or US-6147338-\$ or US-5698844-\$ or	DERWENT;	
		US-5717458-\$ or US-5861620-\$ or	IBM_TDB	
		US-5737016-\$ or US-5693932-\$ or		
		US-5652622-\$ or US-5311320-\$ or US-5182623-\$).did. or		
		(JP-01039171-\$).did. or		
		(JP-2000078473-\$).did.) and gain		

_	7	(((US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5955753-\$ or	USPAT; US-PGPUB;	2003/04/01 13:52
		US-5786588-\$ or US-6493030-\$ or US-6147338-\$ or US-5698844-\$ or	EPO; JPO; DERWENT;	
		US-5717458-\$ or US-5861620-\$ or US-5737016-\$ or US-5693932-\$ or	IBM_TDB	
		US-5652622-\$ or US-5311320-\$ or US-5182623-\$).did. or		
		(JP-01039171-\$).did. or		
		(JP-2000078473-\$).did.) and gain) and length		
-	6	((((US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5955753-\$ or	USPAT; US-PGPUB;	2003/04/01
		US-5786588-\$ or US-6493030-\$ or	EPO; JPO;	
		US-6147338-\$ or US-5698844-\$ or US-5717458-\$ or US-5861620-\$ or	DERWENT; IBM TDB	
		US-5737016-\$ or US-5693932-\$ or US-5652622-\$ or US-5311320-\$ or		
		US-5182623-\$).did. or		
		(JP-01039171-\$).did. or (JP-2000078473-\$).did.) and gain) and		
		length) and memory ((((US-5280511-\$ or US-5252868-\$ or	USPAT;	2003/04/01
_	1	US-4704635-\$ or US-5955753-\$ or	US-PGPUB;	13:50
		US-5786588-\$ or US-6493030-\$ or US-6147338-\$ or US-5698844-\$ or	EPO; JPO; DERWENT;	
		US-5717458-\$ or US-5861620-\$ or US-5737016-\$ or US-5693932-\$ or	IBM_TDB	
		US-5652622-\$ or US-5311320-\$ or		
		US-5182623-\$).did. or (JP-01039171-\$).did. or		
		(JP-2000078473-\$).did.) and gain) and length) and (memory with gain)		
_	7	((((US-5280511-\$ or US-5252868-\$ or	USPAT;	2003/04/01
		US-4704635-\$ or US-5955753-\$ or US-5786588-\$ or US-6493030-\$ or	US-PGPUB; EPO; JPO;	13:53
		US-6147338-\$ or US-5698844-\$ or US-5717458-\$ or US-5861620-\$ or	DERWENT; IBM TDB	
		US-5737016-\$ or US-5693932-\$ or		
		US-5652622-\$ or US-5311320-\$ or US-5182623-\$).did. or		
		(JP-01039171-\$).did. or (JP-2000078473-\$).did.) and gain) and		
		length) and ((memory or storage) and		
_	7	pixel) (((((US-5280511-\$ or US-5252868-\$ or	USPAT;	2003/04/01
		US-4704635-\$ or US-5955753-\$ or US-5786588-\$ or US-6493030-\$ or	US-PGPUB; EPO; JPO;	13:53
		US-6147338-\$ or US-5698844-\$ or US-5717458-\$ or US-5861620-\$ or	DERWENT; IBM TDB	
		US-5737016-\$ or US-5693932-\$ or	15.1_155	
		US-5652622-\$ or US-5311320-\$ or US-5182623-\$).did. or		
		(JP-01039171-\$).did. or (JP-2000078473-\$).did.) and gain) and		
		length) and ((memory or storage) and		
_	4		USPAT;	2003/04/01
		US-4704635-\$ or US-5955753-\$ or US-5786588-\$ or US-6493030-\$ or	US-PGPUB; EPO; JPO;	14:06
		US-6147338-\$ or US-5698844-\$ or US-5717458-\$ or US-5861620-\$ or	DERWENT; IBM TDB	
		US-5737016-\$ or US-5693932-\$ or	15.1155	
		US-5652622-\$ or US-5311320-\$ or US-5182623-\$).did. or		
		(JP-01039171-\$).did. or (JP-2000078473-\$).did.) and gain) and		
		length) and ((memory or storage) and		
	L	pixel)) and gain) and mos	<u> </u>	

_	676	MOS and Conductance and Length and width and gain	USPAT; US-PGPUB; EPO; JPO;	2003/04/01 14:09
	145	Mod with Gardustanes and Longth and	DERWENT; IBM_TDB USPAT;	2003/04/01
_	145	MOS with Conductance and Length and width and gain	US-PGPUB; EPO; JPO; DERWENT;	14:07
-	32	MOS with Conductance with Length and width and gain	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/04/01 14:07
_	14	MOS with Conductance with Length with width and gain	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/04/01 14:08
_	2	MOS with Conductance with Length with width with gain	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/04/01 14:08
_	458	MOS and Conductance and Length and width and gain and oxide	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/04/01
_	72	(MOS and Conductance and Length and width and gain and oxide) and (gain with MOS)	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/04/01 14:27
-	0	gain with amplifyer with oxide with length with width	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/04/01 14:23
-	30	mos with gain with (calculation or equation)	DERWENT; IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/04/01 14:47
-	25549	mos .ti.	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/04/01 14:47
_	74	(mos .ti.) and oxide and thickness and width and length and gain	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/04/01 14:48
_	10	(mos .ti.) and oxide with thickness with width and length and gain	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/04/01 14:48
-	0	(mos .ti.) and oxide with thickness with width with length with gain	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/04/01 14:49
_	8	(mos .ti.) and oxide with thickness with width with length and gain	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/04/01
İ	1		IBM TDB	

		_		
-	727	load adj mos	USPAT; US-PGPUB; EPO; JPO;	2003/04/01 14:55
			DERWENT; IBM_TDB	
-	8	load adj mos with amplifying adj mos	USPAT; US-PGPUB; EPO; JPO;	2003/04/01 14:58
	1	load adj mos with amplifying adj mos with	DERWENT; IBM_TDB USPAT;	2003/04/01
_	1	gain	US-PGPUB; EPO; JPO; DERWENT;	14:56
_	5	load adj mos with amplifying adj mos and gain	IBM_TDB USPAT; US-PGPUB;	2003/04/01 15:10
		, gu-11	EPO; JPO; DERWENT; IBM TDB	
-	9189	MOS with amplifier	USPAT; US-PGPUB; EPO; JPO;	2003/04/01
_	2188	(MOS with amplifier) and load with	DERWENT; IBM_TDB USPAT;	2003/04/01
		amplifier	US-PGPUB; EPO; JPO; DERWENT; IBM TDB	15:10
_	52	MOS with amplifier with load with gain	USPAT; US-PGPUB; EPO; JPO;	2003/04/01 15:30
_	233	(memory or storage) with pixel with gain	DERWENT; IBM_TDB USPAT;	2003/04/01
	233	(memory of beergage, where person and states)	US-PGPUB; EPO; JPO; DERWENT;	15:39
-	3	(memory or storage) with pixel with gain with mos	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/04/01 15:32
:	22	(memory or storage) with pixel with gain	DERWENT; IBM_TDB USPAT;	2003/04/01
_	33	with (different or high\$2 or low\$2)	US-PGPUB; EPO; JPO; DERWENT;	15:33
-	52	((memory or storage) with pixel with gain) and image adj sensor	IBM_TDB USPAT; US-PGPUB;	2003/04/01 15:40
		, , , , , , , , , , , , , , , , , , ,	EPO; JPO; DERWENT; IBM_TDB	
-	20	(((memory or storage) with pixel with gain) and image adj sensor) and load	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/04/01 15:40
-	1094	storage with transfer with sensor	IBM_TDB USPAT; US-PGPUB;	2003/04/02 10:34
			EPO; JPO; DERWENT; IBM_TDB	
-	26	(storage with transfer with sensor) and storage with gain	USPÄT; US-PGPUB; EPO; JPO; DERWENT;	2003/04/01
			IBM_TDB	

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-	21	((storage with transfer with sensor) and storage with gain) and sensor with gain	USPAT; US-PGPUB; EPO; JPO;	2003/04/01 15:53
		storage with transfer with sensor with	DERWENT; IBM_TDB USPAT;	2003/04/01
_	9	gain	US-PGPUB; EPO; JPO; DERWENT;	16:09
-	117	(gain with different with amplifiers) and ((pixels or sensor) and (memory or storage))	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/04/01 16:13
_	45	((gain with different with amplifiers) and ((pixels or sensor) and (memory or storage))) and transistor	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/04/01 16:12
_	6	(((gain with different with amplifiers) and ((pixels or sensor) and (memory or storage))) and transistor) and MOS	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/04/01 16:12
_	66	((gain with different with amplifiers) and ((pixels or sensor) and (memory or storage))) and gain near4 different	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/04/01 16:13
_	52	((gain with different with amplifiers) and ((pixels or sensor) and (memory or storage))) and gain near3 different	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/04/01 16:13
_	55	((gain with different with amplifiers) and ((pixels or sensor) and (memory or storage))) and gain near3 different	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/04/01 16:14
_	49	<pre>((gain with different with amplifiers) and ((pixels or sensor) and (memory or storage))) and gain near2 different</pre>	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/04/01 16:19
-	24	(storage with transfer with sensor) and ((gain or amplif\$6) near3 (different or very or vary))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/04/01 16:21
-	8	memory adj cell with sensor adj cell	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/04/01 17:21
-	79	memory adj (cell or unit) with sensor adj (cell or unit)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/04/01 17:22
-	2	memory adj (cell or unit) with sensor adj (cell or unit) with (gain or amplif\$7)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/04/01 17:25
-	1685	memory with sensor with (gain or amplif\$7)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2003/04/01 17:25

-	8325	(storage or memory) with transfer with (sensor or pixel or reading)	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/04/02
-	179	((storage or memory) with transfer with (sensor or pixel or reading)) and (((gain or amplification or amplified) with (sensor or pixel or reading)) and ((gain or amplification or amplified) with	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/02 10:40
-	78	(storage or memory))) (((storage or memory) with transfer with (sensor or pixel or reading)) and (((gain or amplification or amplified) with (sensor or pixel or reading)) and ((gain or amplification or amplified) with	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/02 10:40
-	24	(storage or memory)))) and MOS (US-5698844-\$ or US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5955753-\$ or US-5786588-\$ or US-6493030-\$ or US-6147338-\$ or US-5861620-\$ or US-5717458-\$ or US-5737016-\$ or US-5693932-\$ or US-5652622-\$ or US-5311320-\$ or US-5182623-\$ or US-5335008-\$ or US-6163215-\$ or US-6061093-\$ or US-6127892-\$ or US-3958187-\$ or US-5917343-\$ or US-6512544-\$).did. or (JP-01039171-\$).did. or (JP-2000078473-\$).did.	USPAT; JPO; DERWENT	2003/04/02 12:41
_	20	((US-5698844-\$ or US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5955753-\$ or US-5786588-\$ or US-6493030-\$ or US-6147338-\$ or US-5861620-\$ or US-5717458-\$ or US-5737016-\$ or US-5693932-\$ or US-5652622-\$ or US-5311320-\$ or US-5182623-\$ or US-5335008-\$ or US-6163215-\$ or US-6061093-\$ or US-6127892-\$ or US-3958187-\$ or US-5917343-\$ or US-6512544-\$).did. or (JP-01039171-\$).did. or (JP-2000078473-\$).did.) and MOS	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/02 12:33
	15	l Yan Diagram and All and Annagan A	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/02 12:33
	11	1.*	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2003/04/02 12:37

	9 ((((US-5698844-\$ or US-5252868-\$ or US-47 US-5252868-\$ or US-47 US-5955753-\$ or US-57 US-6493030-\$ or US-57 US-5861620-\$ or US-57 US-5652622-\$ or US-57 US-5182623-\$ or US-57 US-61632815-\$ or US-6127892-\$	704635-\$ or 786588-\$ or 147338-\$ or 147338-\$ or 717458-\$ or 693932-\$ or 3311320-\$ or 335008-\$ or 061093-\$ or 958187-\$ or 512544-\$).did. or or);
_	5 (((((US-5698844-\$ or US-5252868-\$ or US-4" US-5955753-\$ or US-5" US-6493030-\$ or US-5" US-5861620-\$ or US-5" US-5652622-\$ or US-5" US-5182623-\$ or US-5" US-6163215-\$ or US-6" US-6127892-\$ or US-6" (JP-01039171-\$).did. (JP-2000078473-\$).did. pixel) and oxide) and	704635-\$ or 786588-\$ or 147338-\$ or 147338-\$ or 717458-\$ or 693932-\$ or 335008-\$ or 061093-\$ or 958187-\$ or 512544-\$).did. or or d.) and MOS) and);
,	pixel) and oxide) and ((((((US-5698844-\$ ox US-5252868-\$ or US-47 US-5955753-\$ or US-57 US-6493030-\$ or US-65 US-561620-\$ or US-57 US-5652622-\$ or US-55 US-5652622-\$ or US-55 US-6163215-\$ or US-56 US-6127892-\$ or US-56 US-5917343-\$ or US-66 (JP-01039171-\$).did. (JP-2000078473-\$).did pixel) and oxide) and load	r US-5280511-\$ or 704635-\$ or 786588-\$ or 147338-\$ or 717458-\$ or 693932-\$ or 311320-\$ or 335008-\$ or 061093-\$ or 958187-\$ or 512544-\$).did. or or d.) and MOS) and);
-	and load ((US-5698844-\$ or US- US-5252868-\$ or US-4 US-5955753-\$ or US-5 US-6493030-\$ or US-6 US-5861620-\$ or US-5 US-5737016-\$ or US-5 US-5652622-\$ or US-5 US-5182623-\$ or US-5 US-6163215-\$ or US-6 US-6127892-\$ or US-3 US-5917343-\$ or US-6 (JP-01039171-\$).did. (JP-2000078473-\$).did	704635-\$ or	2003/04/02 12:42
	9 (((US-5698844-\$ or US-5252868-\$ or US-4' US-5955753-\$ or US-5' US-6493030-\$ or US-5' US-5861620-\$ or US-5' US-5652622-\$ or US-5' US-5182623-\$ or US-5' US-6163215-\$ or US-6' US-6127892-\$ or US-3' US-5917343-\$ or US-6' (JP-01039171-\$).did. (JP-2000078473-\$).diand gain	S-5280511-\$ or 704635-\$ or 786588-\$ or 147338-\$ or 717458-\$ or 693932-\$ or 311320-\$ or 335008-\$ or 061093-\$ or 958187-\$ or 512544-\$).did. or or	2003/04/02

			T	T-000/04/05
-	7	((((US-5698844-\$ or US-5280511-\$ or	USPAT;	2003/04/02
		US-5252868-\$ or US-4704635-\$ or	US-PGPUB;	13:09
		US-5955753-\$ or US-5786588-\$ or	EPO; JPO;	
		US-6493030-\$ or US-6147338-\$ or	DERWENT;	
		US-5861620-\$ or US-5717458-\$ or	IBM_TDB	
		US-5737016-\$ or US-5693932-\$ or		
		US-5652622-\$ or US-5311320-\$ or		
		US-5182623-\$ or US-5335008-\$ or	1	
		US-6163215-\$ or US-6061093-\$ or	1	
		US-6127892-\$ or US-3958187-\$ or		
		US-5917343-\$ or US-6512544-\$).did. or		
		(JP-01039171-\$).did. or		
		(JP-2000078473-\$).did.) and conductance)		
		and gain) and length and width		1
-	2	(250/214).CCLS.	USPAT;	2003/04/02
			US-PGPUB;	13:36
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	1812	(250/208.1).CCLS.	USPAT;	2003/04/02
			US-PGPUB;	13:10
			EPO; JPO;	1
j			DERWENT;	1
]			IBM TDB	
_	336	(348/308).CCLS.	USPAT;	2003/04/02
		1,2,2,2,0,0,0,0	US-PGPUB;	13:11
			EPO; JPO;	
			DERWENT;]
			IBM TDB	
l _	124	((348/308).CCLS.) and gain	USPAT;	2003/04/02
	123	((510/500/:00Eb:/ and gain	US-PGPUB;	13:12
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
	105	(((348/308).CCLS.) and gain) and	USPAT;	2003/04/02
_	103	amplifier	US-PGPUB;	13:13
		ampilitei	EPO; JPO;	15115
			DERWENT;	
			IBM TDB	
	48	((((348/308).CCLS.) and gain) and	USPAT;	2003/04/02
_	40	amplifier) and memory	US-PGPUB;	13:13
		ampiliter, and memory	EPO; JPO;	1 1 3 . 1 3
			DERWENT;	
	1		IBM TDB	
_ :	2124	(250/214 R).CCLS.	USPAT;	2003/04/02
-	2124	(230/214 K).CCII3.	US-PGPUB;	13:36
			EPO; JPO;	-0.00
	ĺ		DERWENT;	
			IBM TDB	
		("4704738" "5896063" "5949285"	USPAT	2003/04/02
_	4		55171	15:21
		"5999049").PN.	USPAT;	2003/04/02
-	1	hannett .xa.	US-PGPUB;	18:07
1			EPO; JPO;	10.07
			DERWENT;	
			IBM TDB	
	34	 (US-6147338-\$ or US-5717458-\$ or	USPAT;	2003/10/29
1 -	24	US-5861620-\$ or US-5311320-\$ or	JPO;	16:38
		US-5861620-\$ or US-5311320-\$ or US-5693932-\$ or US-5737016-\$ or	DERWENT	**.50
		US-5652622-\$ or US-5335008-\$ or	DELWEIAT	
		US-5182623-\$ or US-6163215-\$ or		
		US-6061093-\$ or US-3958187-\$ or		
	1	US-6127892-\$ or US-5917343-\$ or	1	
		US-6127892-\$ or US-3917343-\$ or US-6512544-\$ or US-5698844-\$ or		
		US-5512544-\$ or US-5698844-\$ or US-5280511-\$ or US-5252868-\$ or		
		US-5280511-\$ or US-5252868-\$ or US-4704635-\$ or US-5786588-\$ or		
		US-4/04635-\$ or US-5/86588-\$ or US-6493030-\$ or US-5955753-\$).did. or		1
[
		(JP-01039171-\$).did. or		
l		(JP-2000078473-\$).did.	<u> </u>	l

				10000/10/00
-	20	((US-6147338-\$ or US-5717458-\$ or	USPAT; US-PGPUB;	2003/10/29 16:38
		US-5861620-\$ or US-5311320-\$ or US-5693932-\$ or US-5737016-\$ or	EPO; JPO;	10.30
		US-5652622-\$ or US-5335008-\$ or	DERWENT;	
		US-5182623-\$ or US-6163215-\$ or	IBM TDB	
		US-6061093-\$ or US-3958187-\$ or	1511_155	
		US-6127892-\$ or US-5917343-\$ or		
		US-6512544-\$ or US-5698844-\$ or		
		US-5280511-\$ or US-5252868-\$ or		
		US-4704635-\$ or US-5786588-\$ or		
		US-6493030-\$ or US-5955753-\$).did. or		
		(JP-01039171-\$).did. or		
		(JP-2000078473-\$).did.) and gain\$2		
	4	((US-6147338-\$ or US-5717458-\$ or	USPAT;	2003/10/29
	•	US-5861620-\$ or US-5311320-\$ or	US-PGPUB;	16:38
		US-5693932-\$ or US-5737016-\$ or	EPO; JPO;	
		US-5652622-\$ or US-5335008-\$ or	DERWENT;	
		US-5182623-\$ or US-6163215-\$ or	IBM TDB	
		US-6061093-\$ or US-3958187-\$ or	_	
		US-6127892-\$ or US-5917343-\$ or		
		US-6512544-\$ or US-5698844-\$ or		
		US-5280511-\$ or US-5252868-\$ or		
1		US-4704635-\$ or US-5786588-\$ or		
		US-6493030-\$ or US-5955753-\$).did. or		
		(JP-01039171-\$).did. or		
		(JP-2000078473-\$).did.) and gain\$2 with		
		different		0000/10/00
-	3	("5698844" "5717458" "5861620").PN.	USPAT	2003/10/29
				17:06
-	6	("Re34309" "5288988" "5311319"	USPAT	2003/10/29
	'	"5424529" "5488415" "5587738").PN.		17:07
-	9	5698844.URPN.	USPAT	2003/10/29
	_		*******	17:10
-	3	("5698844" "5717458" "5861620").PN.	USPAT	2003/10/29
			HCDAM	2003/10/29
-	3	6147338.URPN.	USPAT	17:11
		(HE717450H HE061600H H6147339H) DN	USPAT	2003/10/29
-	3	("5717458" "5861620" "6147338").PN.	USPAI	17:12
	,	C40 C012 UDDN	USPAT	2003/10/29
-	1	6486912.URPN.	OSFAI	17:13
	166	pixel with memory with gain\$2	USPAT;	2003/10/29
-	100	pixel with memory with gaint2	US-PGPUB;	17:14
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
_	5	pixel with memory with gain\$2 with	USPAT;	2003/10/29
	I	different	US-PGPUB;	17:15
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
-	166	pixel with memory with gain\$2	USPAT;	2003/10/29
		_	US-PGPUB;	17:15
			EPO; JPO;	
	1		DERWENT;	
			IBM_TDB	0000/10/00
-	5	(pixel with memory with gain\$2) with	USPAT;	2003/10/29
		transfer	US-PGPUB;	17:15
	ł		EPO; JPO;	
1			DERWENT;	
1			IBM_TDB	2002/10/20
-	60	(pixel with memory with gain\$2) and	USPĀT;	2003/10/29
1		transfer	US-PGPUB; EPO; JPO;	11.10
			DERWENT;	
			IBM TDB	
l _	2903	pixel\$2 with amplifier	USPAT;	2003/10/29
1 -	2903	biveras mich dubititier	US-PGPUB;	17:19
			EPO; JPO;	
	1		DERWENT;	
	Į.		IBM TDB	
	<u></u>	<u> </u>	<u> </u>	·

-	3267	pixel\$2 with amplifier\$2	USPAT; US-PGPUB;	2003/10/29 17:19
			EPO; JPO; DERWENT; IBM TDB	
-	1673	(pixel\$2 with amplifier\$2) and memory	USPAT; US-PGPUB;	2003/10/29 17:19
			EPO; JPO; DERWENT;	
-	369	(pixel\$2 with amplifier\$2) and memory	IBM_TDB USPAT;	2003/10/29
		with amplifier	US-PGPUB; EPO; JPO;	17:20
	101	(DERWENT; IBM_TDB USPAT;	2003/10/29
-	121	((pixel\$2 with amplifier\$2) and memory with amplifier) and gain\$2	US-PGPUB; EPO; JPO;	17:20
			DERWENT; IBM TDB	
-	100	(((pixel\$2 with amplifier\$2) and memory with amplifier) and gain\$2) and pixels	USPĀT; US-PGPUB;	2003/10/29 17:21
			EPO; JPO; DERWENT; IBM TDB	
-	72	((((pixel\$2 with amplifier\$2) and memory with amplifier) and gain\$2) and pixels)	USPAT; US-PGPUB;	2003/10/29 17:22
		and transfer\$4	EPO; JPO; DERWENT;	
_	24	(((((pixel\$2 with amplifier\$2) and memory	IBM_TDB USPAT;	2003/10/29
		with amplifier) and gain\$2) and pixels) and transfer\$4) and MOS	US-PGPUB; EPO; JPO; DERWENT;	17:31
_	3541	 second adj gain	IBM_TDB USPAT;	2003/10/29
			US-PGPUB; EPO; JPO;	17:37
	172	(second adj gain) and pixel\$2	DERWENT; IBM_TDB USPAT;	2003/10/29
-	172	(Second adj gain) and pixely2	US-PGPUB; EPO; JPO;	17:32
			DERWENT; IBM_TDB	
-	110	((second adj gain) and pixel\$2) and memory	USPAT; US-PGPUB;	2003/10/29 17:32
			EPO; JPO; DERWENT; IBM TDB	
-	51	(((second adj gain) and pixel\$2) and memory) and transfer\$5	USPĀT; US-PGPUB;	2003/10/29 17:32
			EPO; JPO; DERWENT;	
-	16701	second adj amplif\$4	IBM_TDB USPAT; US-PGPUB;	2003/10/29 17:38
			EPO; JPO; DERWENT;	
_	11222	(second adj amplif\$4) and first adj	IBM_TDB USPAT;	2003/10/29
		amplif\$4	US-PGPUB; EPO; JPO; DERWENT;	17:38
_	6167	((second adj amplif\$4) and first adj	IBM_TDB USPAT;	2003/10/29
		amplif\$4) and gain	US-PGPUB; EPO; JPO;	17:38
			DERWENT; IBM TDB	

_	110	<pre>(((second adj amplif\$4) and first adj amplif\$4) and gain) and pixels</pre>	USPAT; US-PGPUB;	2003/10/29 17:38
			EPO; JPO; DERWENT;	
			IBM_TDB	
-	48	((((second adj amplif\$4) and first adj	USPAT;	2003/10/29
		amplif\$4) and gain) and pixels) and	US-PGPUB; EPO; JPO;	17:47
		memory	DERWENT;	
			IBM TDB	
-	49	((((second adj amplif\$4) and first adj	USPĀT;	2003/10/29
		amplif\$4) and gain) and pixels) and	US-PGPUB;	17:45
		storage	EPO; JPO; DERWENT;	
			IBM TDB	
_	18	(((((second adj amplif\$4) and first adj	USPAT;	2003/10/29
		amplif\$4) and gain) and pixels) and	US-PGPUB;	17:45
		storage) not (((((second adj amplif\$4) and first adj amplif\$4) and gain) and	EPO; JPO; DERWENT;	
		pixels) and memory)	IBM TDB	
_	16233	(storage with amplif\$4)	USPĀT;	2003/10/29
			US-PGPUB;	17:47
			EPO; JPO; DERWENT;	
			IBM TDB	
_	313	((storage with amplif\$4)) and (pixel	USPAT;	2003/10/29
		with amplif\$5)	US-PGPUB;	17:48
			EPO; JPO; DERWENT;	
			IBM TDB	
_	201	(((storage with amplif\$4)) and (pixel	USPAT;	2003/10/29
		with amplif\$5)) and noise	US-PGPUB;	17:48
			EPO; JPO; DERWENT;	1
			IBM TDB	
-	49	(((storage with amplif\$4)) and (pixel	USPAT;	2003/10/29
		with amplif\$5)) and noise with gain\$2	US-PGPUB;	17:55
			EPO; JPO; DERWENT;	
			IBM TDB	
-	10864	(read adj out or read-out or readout)	USPAT;	2003/10/29
		with amplifier	US-PGPUB;	17:56
			EPO; JPO; DERWENT;	
			IBM_TDB	
-	717	(read adj out or read-out or readout) adj	USPAT;	2003/10/29
1		amplifier	US-PGPUB; EPO; JPO;	17:56
			DERWENT;	
			IBM_TDB	
-	380	((read adj out or read-out or readout)	USPAT;	2003/10/29
		adj amplifier) and memory	US-PGPUB; EPO; JPO;	17:57
1			DERWENT;	
			IBM_TDB	
~	4	((read adj out or read-out or readout)	USPAT;	2003/10/29
		adj amplifier) and memory adj amplifier	US-PGPUB; EPO; JPO;	17:57
			DERWENT;	
	:		IBM_TDB	
-	2	((read adj out or read-out or readout)	USPAT;	2003/10/29
		adj amplifier) and storage adj amplifier	US-PGPUB; EPO; JPO;	17:57
			DERWENT;	
			IBM_TDB	
-	84	(((read adj out or read-out or readout)	USPAT;	2003/10/29 17:58
		adj amplifier) and memory) and gain\$2	US-PGPUB; EPO; JPO;	17:50
			DERWENT;	
			IBM_TDB	

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_	45	((((read adj out or read-out or readout)	USPAT;	2003/10/29
		adj amplifier) and memory) and gain\$2)	US-PGPUB;	18:02
		and pixels	EPO; JPO;	i i
		-	DERWENT;	
			IBM_TDB	i i
-	104	noise with amplif\$4 with pixels	USPAT;	2003/10/29
		•	US-PGPUB;	18:03
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	7	(noise with amplif\$4 with pixels) and	USPAT;	2003/10/29
i		(decrease or reduce) with gain	US-PGPUB;	18:03
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	